Tibor Poganj

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PhD University of Belgrade, 1986 and
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Research interest: Sampling theorems of deterministic and stochastic signals; Mathieu, Neumann, Kapteyn, Schlömichand Dini functional series; Special functions in statistics; Analytic inequalities

Recent publications:

[1] Á.Baricz, D. JankovMaширević, T. K. Pogány and R. Szász, *On an indetity for zeros of Bessel functions*, **J. Math. Anal. Appl. 422** (2015), No. 1, 27–36.
[2] Á.Baricz, A. Laforgia and T. K. Pogány, *Van der Corput inequalities for Bessel functions*, **Integral Transforms Spec.Funct. 26** (2015), No. 1, 78-87.
[3] T. K. Pogány, *The exponentiated exponential Poisson distribution revisited*, **Statistics** (2014), (to appear).
[4] T. K. Pogány, S. Nadarajah, *Remarks on the stable S_α(β,γ,μ) distribution*, **Methodology and Computing in Applied Probability** (2014) (to appear).
[5] Á.Baricz, T. K. Pogány, *Functional inequalities for the modified Struve functions*, **Proc. Royal Soc. Edinburgh A – Math. 144** (2014), No. 5, 891-904.

Selected publications:

[1] T. Pogány, *Almost sure sampling restoration of bandlimited stochastic signals*, in the book **Sampling Theory in Fourier and Signal Analysis: Advanced Topics***, (J.R.Higgins, R.L.Stens eds.), Oxford University Press, Oxford, (1999), 203-232.
[2] Á.Baricz, T. K. Pogány, *On a sum of modified Bessel functions*, **Mediterranean J. Math.11** (2014), No. 2, 349-360.
[3] Á.Baricz, T. K. Pogány, *Turán determinants of Bessel functions*, **Forum Math. 26** (2014), No.1, 295-322.
[4] Á.Baricz. P.L. Butzer, T. K. Pogány, *Alternating Mathieu series, Hilbert - Eisenstein series and their generalized Omega functions*; **Springer Volume: Analytic Number Theory, Approximation Theory, and Special Functions - In Honor of Hari M. Srivastava Chapter 5** (2014), Springer, 775-808.
[5] S. Nadarajah, T. K. Pogány, *On the characteristic functions for extreme value distributions*, **Extremes16** (2013), No. 1, 27-38.