

Short CV

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Born: March 31, 1957, Kharkiv, Ukraine.

Graduated from Kharkiv State University in 1979.
Ph.D. in Mathematics, 1981, Kharkiv State University.

Appointments: Research fellow at the Institute for low temperature physics, Ukrainian academy, from 1981 till 1991, and 1993-1995.
Royal Society research fellow at the Queen Mary and Westfield college, 1992-1993. Professor at the University of Stavanger, 1995-now

Publications: 72 publications are registered in MathSciNet. These including a book **Functions with disconnected spectrum** (with Olevskii, Alexander). Univ. Lecture Ser., 65. American Mathematical Society, Providence, RI, 2016, x+138 pp.

Here are most recent publications:

On geometry of the unit ball of Paley-Wiener space over two symmetric intervals (with Zlotnikov, Ilya), Int. Math. Res. Not. IMRN (2023), no. 8, 6329–6363.

Completeness of certain exponential systems and zeros of lacunary polynomials (with Kulikov, Aleksei and Zlotnikov, Ilya) Adv. Math. **421** (2023), Paper No. 109016, 17 pp.

On 2-dimensional mobile sampling (with Rashkovskii, Alexander and Zlotnikov, Ilya), Appl. Comput. Harmon. Anal. **62** (2023), 1–23.

On the Szegő-Kolmogorov prediction theorem (with Olevskii, Alexander), Israel J. Math. **246** (2021), no. 1, 335–351.

Discrete translates in function spaces (with Olevskii, Alexander), Appl. Numer. Harmon. Anal. Birkhäuser/Springer, Cham, 2021, 199–208.

Reconstruction of bandlimited functions from space-time samples (with Zlotnikov, Ilya), J. Funct. Anal. **280** (2021), no. 9, Paper No. 108962, 14 pp.

Fourier quasicrystals with unit masses (with Olevskii, Alexander), C. R. Math. Acad. Sci. Paris **358** (2020), no. 11-12, 1207–1211.

Reconstruction of signals: uniqueness and stable sampling (with Olevskii, Alexander), Appl. Numer. Harmon. Anal. Birkhäuser/Springer, Cham, 2020, 9–49.

