Publications of Konstantin A. Makarov

Publications


[21] “Energy-dependent interactions and the extensions theory”;


[27] “Point interactions with an internal structure as limits of nonlocal separable potentials”; with S. E. Cheremchantsev.
[28] “Point interactions with an internal structure as a limit of separable potentials”; (in Russian), with S. E. Cheremchantsev.
[31] “Semiboundedness of the energy operator of a three-particle system with pair interactions of δ-function type”; (in Russian).
[33] “Asymptotic expansions for Fourier transform of singular self-affine measures”;
[34] “Quantum scattering on a Cantor Bar”; with B. S. Pavlov.
[37] “Attractors in a model related to the three-body quantum problem”; with S. Albeverio.
[38] “Two sides of a coin: the Efimov Effect and collapse in a three-body system with point interactions. I.”; (in Russian), with V. V. Melezhik.


[40] “Limit behavior in a singular perturbation problem, regularized convolution operators and the three-body problem”; with S. Albeverio.

[41] “The Efimov effect and an extended Szegő-Kac limit theorem”; with S. Albeverio and S. Lakaev.


[50] “Ahiezer-Kac-type Fredholm determinant asymptotics for convolution operators with rational symbols”; with S. Albeverio.
“Uniqueness results for matrix-valued Schrödinger, Jacobi, and Dirac-type operators”; with A. Kiselev and F. Gesztesy.


“$SL_2(\mathbb{R})$, exponential representation of Herglotz functions, and spectral averaging”: with F. Gesztesy.

“Graph Subspaces and The Spectral Shift Function”; with S. Albeverio and A. K. Motovilov.

“On a subspace perturbation problem”; with V. Kostrykin and A. K. Motovilov.


“(Modified) Fredholm determinants for operators with matrix-valued semi-separable integral kernels revisited”; with F. Gesztesy.

Erratum: “(Modified) Fredholm determinants for operators with matrix-valued semi-separable integral kernels revisited”; with F. Gesztesy.

“A generalization of the tan 2 theta theorem”; with V. Kostrykin and A. K. Motovilov.

“On the existence of solutions to the operator Riccati equation and the tan theta theorem”; with V. Kostrykin and A. K. Motovilov.

“The singularly continuous spectrum and non-closed invariant subspaces”; with V. Kostrykin.

“Perturbation of spectra and spectral subspaces”; with V. Kostrykin and A. K. Motovilov.

[64] “The adiabatic theorem of Quantum Mechanics and the Riccati equation”; With V. Kostrykin.

