

Yury Belov

Preprints

1. Y. Belov, A. Borichev, K. Fedorovskii, Nevanlinna domains with large boundaries, <https://arxiv.org/abs/1808.07436>;
2. E. Abakumov, A. Baranov, Y. Belov, Krein-type theorems and ordered structure for Cauchy-de Branges spaces, <https://arxiv.org/abs/1802.03385>;
3. Y. Belov, A. Borichev, The Newman-Shapiro problem, <https://arxiv.org/abs/1711.06901>;

Publications

1. A. Baranov, Y. Belov, Synthesable invariant subspaces, to appear in Geometric and Functional Analysis, <https://arxiv.org/abs/1607.08392>;
2. A. Baranov, Y. Belov, A. Borichev, Summability properties of Gabor expansions, Journal of Functional Analysis 274 (2018), n.9, 2532–2552;
3. A. Baranov, Y. Belov, A. Borichev, The Young type theorem in weighted Fock spaces, Bulletin of the London Mathematical Society, 50 (2018), n.2, 357–363;
4. Y. Belov, K. Fedorovskii, Model spaces containing univalent functions. (Russian), Uspekhi Mat. Nauk 73 (2018), no. 1 (439), 181–182;
5. A. Baranov, Y. Belov, A. Ulanovskii, Gap Theorem for Separated Sequences without Pain, Journal of Fourier Analysis and Applications, (2017), Vol. 23, Iss. 4, pp 877–885;
6. A. Baranov, Y. Belov, A. Poltoratski, De Branges functions of Shroedinger equations, Collectanea Mathematica, (2017), 68:2, 251-263;
7. A. Baranov, Y. Belov, A. Borichev, Riesz bases of reproducing kernels in Fock type spaces and de Branges spaces, Studia mathematica, (2017), 236, 127-142;
8. A. Baranov, Y. Belov, Spectral synthesis for operators and systems, Eur. Math. Soc. Newsl. (2017), N103, pp. 11-18 (review).
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10. Y. Belov, Bessel Sequences with Finite Upper Density in the de Branges Spaces, (Russian) Algebra i Analiz 27 (2015), no. 4, 15-27;
11. Y. Belov, Uniqueness of Gabor series, Applied and Computational Harmonic Analysis 39 (2015), pp. 545-551;
12. Y. Belov, V. Havin, The Beurling-Malliavin Multiplier Theorem and its analogs for the de Branges spaces, Springer series: Operator theory, ed. Alpay. 2015. Vol. 1. P. 581-609;
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14. E. Abakumov, A. Baranov, Y. Belov, Localization of zeros for Cauchy transforms, International Mathematics Research Notices, (2015), Vol. 2015, pp. 6699-6733;

15. A. Aleman, A. Baranov, Y. Belov, Subspaces of C^∞ invariant under the differentiation, *Journal of Functional Analysis* 268 (2015), 2421–2439;
16. Y. Belov, Complementability of exponential systems, *C. R. Math. Acad. Sci. Paris*, 353 (2015), 215-218;
17. A. Baranov, Y. Belov, A. Borichev, D. Yakubovich, Recent developments in spectral synthesis for exponential systems and for non-self-adjoint operators, *Recent Trends in Analysis Proceedings of the conference in honor of Nikolai Nikolski*, Theta Foundation, Bucharest, (2013), 17-34;
18. A. Baranov, Y. Belov, A. Borichev, Hereditary completeness for systems of exponentials and reproducing kernels, *Advances in Mathematics* 235 (2013), 525-554;
19. A. Baranov, Y. Belov, A. Borichev, A restricted shift completeness problem, *Journal of Functional Analysis* 263 (2012), 1887-1893;
20. A. Baranov, Y. Belov, System of reproducing kernels and their biorthogonal: completeness or non-completeness? *International Math Research Notes* 22 (2011), 5076-5108;
21. Y. Belov, T. Mengestie, K. Seip, Discrete Hilbert transforms on sparse sequences, *Proc. of London Math. Society* (2011), Vol. 103, 73-105;
22. Y. Belov, T. Mengestie, and K. Seip, Unitary discrete Hilbert transforms, *Journal D'Analyse Mathematique* (2010), Vol. 112, p.383-395;
23. Y. Belov, Necessary conditions for the admissibility of majorants for some model subspace, (Russian) *Algebra i Analiz* 20 (2008), no. 4, 1-26; translation in *St. Petersburg Math. J.* 20 (2009), no. 4, 507-525;
24. Y. Belov, Model functions with an almost prescribed modulus, (Russian) *Algebra i Analiz* 20 (2008), no. 2, 3-18; translation in *St. Petersburg Math. J.* 20 (2009), no. 2, 163-174;
25. Y. Belov, Criteria for the admissibility of majorants for model subspaces with a rapidly increasing argument of the generating inner function, (Russian) *Zap. Nauchn. Sem. St.-Peterburg. Otdel. Mat. Inst. Steklov. (POMI)* 345 (2007), Issled. po Linein. Oper. i Teor. Funkts. 34, 55-84, 141; translation in *J. Math. Sci. (N. Y.)* 148 (2008), no. 6, 813-829;
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