

Публикации и препринты Белова Юрия Сергеевича

Препринты

1. A. Baranov, Y. Belov, Synthesable invariant subspaces, <https://arxiv.org/abs/1607.08392>.
2. A. Baranov, Y. Belov, A. Borichev, Summability properties of Gabor expansions, принято к печати в Journal of Functional Analysis (20 стр.),
3. A. Baranov, Y. Belov, A. Borichev, The Young type theorem in weighted Fock spaces, принято к печати в Bulletin of the London Mathematical Society (9 стр.);

Публикации

4. Ю. Белов, К. Федоровский, Модельные пространства, содержащие однолистные функции, Успехи математических наук, (2018), 73:1 (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).
9. Y. Belov, Y. Lyubarskii, On summation of non-harmonic Fourier series, Constructive Approximation, (2016), Vol. 43:2, pp. 291-309;
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;
13. A. Baranov, Y. Belov, A. Borichev, Spectral synthesis in de Branges spaces, Geometric and Functional Analysis, (2015), Vol. 25, Iss. 2: pp. 417-452;
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 \mathcal{H}^∞ 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;
26. Y. Belov, V.P. Khavin, On a theorem of I. I. Privalov on the Hilbert transform of Lipschitz functions, (Russian) *Mat. Fiz. Anal. Geom.* 11 (2004), no. 4, 380-407