

## Thesis and Dissertation

M.A. Thesis, *Problem of Spectrum of Bordered Operator and Associated Operator Pencil*, supervisor Prof. N.D. Kopachevsky

PhD Thesis, *Floquet Theory for Elliptic Equations*, supervisor Prof V. Matsaev

## Articles in Refereed Journals and Conference Proceedings

- [1] Grinshtein V., Kopachevsky N. On the problem of spectrum of a bordered selfadjoint operator. *Dep.* N 109-UK 89, 1989, 25 p.
- [2] Grinshtein V. On system of eigenvectors and associated vectors of a polynomial selfadjoint operator pencil. *Dep.* N 890-UK 90, 1990, 8 p.
- [3] Grinshtein V., Kopachevsky N. On p-basis property of the system of eigenvectors of a selfadjoint operator-function. *Tez. XIY Vses. shk. po teor. operat.v funk. pr-vah.* Ul'yanovsk, 1990, chapter 1, c.72
- [4] Grinshtein V. Basis property of a part of the system of eigenvectors of a holomorphic operator-function. *Math.notes*, 1991, v.50, N 1, 142-144
- [5] Abramovich F., Grinshtein V. Derivation of equivalent kernel for general spline smoothing: a systematic approach. *Bernoulli*, **5**(2), 1999, 359-379
- [6] Abramovich F., Grinshtein V., Pensky M. On optimality of Bayesian testimation in the normal means problem. *The Annals of Statistics*, 2007, v.35, N 5, 2261-2286
- [7] Abramovich F., Grinshtein V., Petsa A., Sapatinas F. On Bayesian testimation and its application to wavelet thresholding. *Biometrika*, **97**(1) 2010, 181-198.
- [8] Abramovich F., Grinshtein V. MAP model selection in Gaussian regression. *Electronic Journal of Statistics*, Vol. 4 (2010) 932-949.
- [9] Abramovich F., Grinshtein V. Model selection in Gaussian regression for high-dimensional data. *Inverse Problems and High Dimensional Estimation*, Lecture Notes in Statistics, Springer, 2011, 159-170.

[10] Abramovich F., Grinshtein V. Estimation of sparse group of sparse vectors. *Submitted to Journal of the Royal Statistical Society.*