

ABSTRACT PREPARATION AND SUBMISSION GUIDELINES

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Please, do not use your own macros and cross-reference commands except `\cite{label}`, and do not change text before `\begin{document}`. Your abstract should not exceed **one page**.

You may use all standard environments marked by `*` for typing numbered and unnumbered equations in your abstract. Please use the command `\tag{number}` to type numbered equations. E.g.:

$$-\Delta u = f. \tag{1}$$

You may use environments `proposition`, `lemma`, `theorem`, `corollary`, `definition`, `remark`, `problem`. E.g.:

Theorem 1 *The operator A has purely discrete spectrum.*

The list of references should be adjusted with `\thebibliography` environment. Please, begin all labels in the command `\bibitem` from YOUR name. In the case of two or three authors of the abstract, use the name of the first one. E.g., for David Hilbert they are `dhilbert1`, `dhilbert2`, `dhilbert3`. Please use the command `\cite{label}` to cite the items. E.g., we have used the command `\cite{dhilbert2}` to cite [2] above in this file.

References

- [1] T. Kato, Perturbation theory for linear operators, Springer-Verlag, New York, 1966.
- [2] G.C. Papanicolaou, S.R.S. Varadhan, Diffusion in regions with many small holes. Stochastic differential systems (Proc. IFIP-WG 7/1 Working Conf., Vilnius, 1978), pp. 190–206, Lecture Notes in Control and Information Sci., 25, Springer, Berlin-New York, 1980.
- [3] J. Rauch, M. Jeffrey, Potential and scattering theory on wildly perturbed domains, J. Funct. Anal. 18 (1975), 27–59.