

ABSTRACT PREPARATION GUIDELINES

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Preparing you abstract, please, follow the following rules:

- Your abstract should not exceed **one page**.
- Do not use your own macros commands.
- Begin all labels names (in the commands `\label` and `\bibitem`) from your surname. For example, `hilbert:eq1`, `hilbert:th2`, `hilbert:ref3`, etc.
- Format the list of references according to the examples [1, 2, 3] below.
- You are free to use the environments `proposition`, `lemma`, `theorem`, `corollary`, `definition`, `remark`, `problem`.

Below we give a random mathematical text illustrating these requirements.

In the talk we discuss the following equation:

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

Along with (1), we also consider the equation

$$-\Delta u + Vu = f. \tag{2}$$

The potential V in (2) is real and bounded.

Theorem 1 *Equation (1) has a lot of interesting properties.*

From Theorem 1 we obtain the following corollary.

Corollary 1 *Equation (2) has even more interesting properties.*

In [1, 2, 3] you will find some other interesting results.

References

- [1] P. Exner, P. Šeba, Bound states in curved quantum waveguides, J. Math. Phys. 30 (1989), 2574–2580.
- [2] G. Berkolaiko, P. Kuchment, Introduction to Quantum Graphs, AMS, Providence, 2013.
- [3] 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.