Sample

Peter Ivanov, *Kharkiv, Ukraine*

Please use this template to prepare your abstract. **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**, and it should be written in **English**.

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.,

Let

$$A = B. \tag{1}$$

From (1) we obtain

$$B = C \qquad \text{in } Q, \tag{2}$$
$$C = D \qquad \text{on } \Omega = \partial Q.$$

To prove that, see paper [2].

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

Theorem 1 *Text of the theorem. Text of the theorem. Text of the theorem. Text of the theorem. Text of the theorem. Text of the theorem. Text of the theorem.*

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 Peter Ivanov they are pivanov1, pivanov2, pivanov3, for M.N.Zaychenko they are mnzaychenko1, mnzaychenko2, mnzaychenko3 etc. Please use the command `\cite{label}` to cite the items. E.g., we have used the command `\cite{pivanov2}` to cite [2] above in this file.

[1] G. Grätzer, *More Math into LaTeX*, 4th ed., Springer, Berlin, 2007.

[2] R. Hill and A. Dow, *A ground-breaking achievement*, J. Differential Equations 15 (1982), 197–211.

[3] A. S. Novikov, *Another fascinating article*, Uspekhi Mat. Nauk 23 (1980), no. 3, 112–134 (in Russian); English transl.: Russian Math. Surveys 23 (1980), 572–595.