

## REQUIREMENTS TO REGISTRATION OF ARTICLE

**Languages:** Ukrainian, English, and Russian

**Structure of article:** *introduction* - statement of a problem in a general view; *a condition of a question, allocation of a unresolved part of a problem* to which given article is devoted; *the formulation of the purposes* of article, *statement of problems (tasks)*; *a statement* of the basic *material* of researches from a substantiation of the received scientific results; *conclusions* by results of the executed researches and the short information on prospects of their subsequent use.

**The text of article** in volume from 5 up to 10 pages, including the summary, tables and figures, should be sent to the following e-mail: [tereschuke@nmu.org.ua](mailto:tereschuke@nmu.org.ua) or [rogozam@nmu.org.ua](mailto:rogozam@nmu.org.ua). The text should be printed by black ink on one side of the sheet without numbering pages. Font is Times New Roman, font size is 12. An interval between terms is single. All margins are 2 cm.

### Article should be prepared according to the following requirement:

- The article title - by capital letters, bold, smoothing on a center without hyphenations.
- Initials, last name of author, organization, country – by italic font, smoothing on a center without hyphenations.
- Annotation by the language of the article up to 7 lines, indention space 5 mm, smoothing on a width, automatic hyphenation.
- Article is presented as a print version. Indention space is 5 mm, smoothing on a width, automatic hyphenation, without redundant spaces. All formulas must be inserted in mathematical editors – in-built Word editor "Equation" or the same program MathType. Using tables as a graphic object from specialized software is not allowed.
- Tables and pictures with relevant descriptions are placed inside the text as an objects.
- Illustrations should be black-and-white or black-grey colors. Between numbers of pictures and tables the inseparable space should be inserted (**Ctrl+Shift+Space**).
- The list of references according to standards.

*Sample*

### RESEARCH OF OXIDATION PROCESS OF BURNED GASES

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Processes of oxidation of methane in thermal balance are investigated. It is established, what not all capacity of a thermal emission.

Problem of explosion safety maintenance of mining is one of the most actual for coal extracting. In that case for indemnification an element it is possible to write down:

$$t_k = \frac{R_k}{a_k F_k} I^2 + t_k, \quad (1)$$

Thus, results of researches specify what not all capacity of thermal emission  $P_M$  caused by chemical reaction of oxidation of methane, is spent for heating of a thermo element, therefore at a conclusion the equations of thermal balance of a working element it is necessary to take into account character of processes of transfer of heat from a zone of reaction to a working element.

### REFERENCES

1. Karpov E.F., Birinberg I.E., Basovskiy B.I. Automatic gas protection and the control of a mine atmosphere. – M.: Nedra, 1984. – 285 p.